

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CANT:

Erik W. Rasmussen

SERIAL NO.:

09/927,771

FILING DATE:

August 10, 2001

TITLE:

SOUND PROCESSING SYSTEM INCLUDING FORWARD

FILTER THAT EXHIBITS ARBITRARY DIRECTIVITY AND

GRADIENT RESPONSE IN SINGLE WAVE SOUND

ENVIRONMENT

EXAMINER:

(to be assigned)

RECEIVED

ART UNIT:

2644

MAR 2 8 2002

Technology Center 2600

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date printed below:

COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Each item of information listed in the attached FORM PTO-1449, for which a copy of each is attached, may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR §§ 1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application.

This Information Disclosure Statement under 37 CFR §§ 1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art.

I

This statement is filed pursuant to:

(X) 37 C.F.R. § 1.97(b).

This information disclosure statement is filed either (1) within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application; or (3) before the mailing date of a first office action on the merits, whichever event occurs last.

Accordingly, this information disclosure statement requires no fee and no certification.

() 37 C.F.R. § 1.97(c).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (b), but before the mailing date of either (1) a final action under 37 C.F.R. § 1.113; (2) a notice of allowance under 37 C.F.R. § 1.311; or (3) an action that otherwise closes prosecution in the application.

Accordingly, this information disclosure statement requires either the fee specified in 37 C.F.R. § 1.17 (p) for submission of an information disclosure statement under 37 C.F.R. § 1.97 (c) (\$180); or a certification according to 37 C.F.R. § 1.97 (e).

() 37 C.F.R. § 1.97(d).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (c).

Accordingly, this information disclosure statement requires the fee specified in 37 C.F.R. § 1.17 (p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d) (\$180), and a certification according to 37 C.F.R. § 1.97(e).

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. § 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

II

- (X) No fee is due.
- () The fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) is enclosed (\$180).

Please charge any additional required fee or credit any overpayment to our deposit account number 50-1698. An additional copy of this page is enclosed.

Ш

Pursuant to 37 C.F.R. § 1.97(e), I certify:

- (X) No certification is necessary.
- () Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement.
- () No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of the statement.

Respectfully submitted,

THELEN REID & PRIEST LLP

Dated: March 2/, 2002

Marc S. Hanish

Reg. No. 42,626

THELEN REID & PRIEST LLP P.O. Box 640640 San Jose, CA 95164-0640 (408) 292-5800

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Form PTO 1449 (Rev. 2-32) U.S. Department of Commerce Patent and Trademark Office				Will Step Step	Atty. Docket No. SNX-028			Serial No. 09/927,771		
	Info	ormation Disclosure S	tatement by	ALENT & TO	Applicant: Erik W. Rasmussen					
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	A	4,589,137		Borth et al.		381	94	7/1/85		
	В	4,628,529	12/9/86							
	С	4,750,207	6/7/88	Gebert et al.		381	68.4	3/31/8		
	D	4,759,071	7/19/88	Heide		381	68.4	8/14/8		
	E	4,837,832	6/6/89	Fanshel		381	68.4	10/20		
	F	5,097,510	3/17/92	Graupe		381	47	11/7/8		
	G	5,170,434	12/8/92	Anderson		381	68	6/28/9		
	Н	5,285,502	2/8/94	Walton et al.		381	94	3/31/9)2	
	I	5,289,544	2/22/94	Franklin		381	68.1	12/31	/91	
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	M	6,272,229	8/7/01	Backgaard	·	381	313	8/3/99)	
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	0	WO 95/08248	3/23/95	International (PCT)						
	P	WO 99/09786	2/25/99	International (PCT)						
	Q	WO 99/39497	8/5/99	International (PCT)	REC		EIVED			
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	S	WO 01/69968	9/20/01	International (PCT)			* 0 2002 			
	T	WO 01/72085	9/27/01	International (PCT)		Technology Center 2600				
		Other Doc	iments (Incli	ıding Author, Title, I)ate. Pert	inent Pages, e	tc.)			
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			1	U.S. Patent Documer	ıts					
Init.	<u> </u>	Document No.	Date	Name		Class	Subclass	Filing	Date	
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	D	4,759,071	7/19/88	Heide Fanshel Graupe Anderson		381	68.4 8/14/8		86	
	E	4,837,832	6/6/89			381 68.4		10/20/87		
	F	5,097,510	3/17/92			381	47	11/7/89		
	G	5,170,434	12/8/92			381	68			
	Н	5,285,502	2/8/94	Walton et al.		381	94	3/31/92 12/31/91 2/27/92 1/21/94 9/17/93 8/3/99 3/20/01		
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				Foreign Documents	<u> </u>					
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	S	WO 01/69968	9/20/01	International (PCT)			y Center 260	b		
	Т	WO 01/72085	9/27/01	International (PCT)					<u> </u>	
		Other Dogu	mants (Inclu	ding Author, Title, L	ate. Perti	inent Pages, et	tc.)			
	Ū	Greenberg, Julie E. et	al., "Evaluati	ion of an adaptive bea	mforming	method for he	aring aids", J.	Acoust.	Soc.	
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